

ABSTRACT OF THE DISCLOSURE

A sprinkler circuit responds to the presence of water and limits watering accordingly. The sprinkler circuit comprises a control circuit and a moisture responsive circuit. The control circuit may be wired in series to a sprinkler cable at any point between a sprinkler controller (e.g., timer) and a sprinkler valve, and is powered by a valve signal sent from the sprinkler controller to the valve. The moisture responsive circuit includes two pairs of electrodes wired in series and residing at different depths. When resistance across both pairs of electrodes drops sufficiently, a relay in the control circuit opens and interrupts the valve signal to the valve.